

Patent  
Attorney's Docket No. N.C. 83,977

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
BRUCE et al.	)	Group Art Unit: 1733
	)	
Application No.: 10/672,271	)	Examiner: Mayes, Melvin C.
	)	
Filed: September 26, 2003	)	Confirmation No.: 8808
	)	
For: MICROWAVE ASSISTED	)	
REACTIVE BRAZING OF CERAMIC	)	
MATERIALS	)	
	)	

**FIRST INFORMATION DISCLOSURE STATEMENT**

**Director of the U.S. Patent and Trademark Office**  
**PO Box 1450**  
**Alexandria, VA 22313-1450**

Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.97, the Examiner's attention is directed to the following enclosed document:

A.J. MOORHEAD, H. KIM, Engineered Materials Handbook Vol. 4: Ceramics and Glass, "Joining Oxide Ceramics", ASM International, p 511-321 (1991).

This submission is not to be construed as an admission that a search has been made or that the documents listed above are material to the examination of the application.

As this submission is made within three months of the filing date or before a first Office Action, no fee is believed to be due. However, the Commissioner is authorized to charge any

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Attorney's Docket No. N.C. 83,977

fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-0281.

Should there be any questions regarding this submission, or the application in general, the Examiner is cordially invited to contact the undersigned at the number listed below.



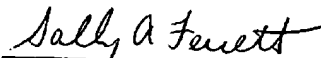
Sally A. Ferrett  
Registration No. 46,325

Naval Research Laboratory  
Associate Counsel, Patents (1008.2)  
4555 Overlook Ave., S.W.,  
Washington, D.C., 20375  
(202) 404-1551

July 7, 2004

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Sally A. Ferrett  
Reg. No. 46, 325

PTO/SB/08B (08-03)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

**Complete if Known**

<b>Application Number</b>	10/672,271
<b>Filing Date</b>	September 26, 2003
<b>First Named Inventor</b>	BRUCE et al.
<b>Art Unit</b>	1733
<b>Examiner Name</b>	Mayes, Melvin
<b>Attorney Docket Number</b>	83,977

Sheet	1	of	1
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### NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner  
Signature

Date  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	Considered
1 Applicant's unique citation designating prior art.	

This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**Fax transmission from:**

U.S. Naval Research Laboratory  
Associate Counsel Intellectual Property, Code 1008.2  
4555 Overlook Avenue, SW  
Washington, DC 20375-5325

**From:** Sally Ferrett**To:** Examiner Mayes

Phone: (202) 404-1551

Art Unit 1733

Fax: (202) 404-7380

Fax: (703) 746-4000

**Date:** July 7, 2004

Cover Sheet + 14 Pages

**RE: Patent Application No.: 10/672,271****Message:**

Filed: September 26, 2003

Inventor: Bruce et al.

Docket No.: NC 83,977

Enclosed: Invention Disclosure Statement, SB-08, 11 page document entitled  
"Joining Oxide Ceramics"

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